

Publications: Walter Wilcox

PEER REVIEWED PUBLICATIONS & CONFERENCE PROCEEDINGS

Hussein, M., **Wilcox, W.**, Komlos, S., Trimble, P., White, C., Shih, G., Torres, A., and Downer, C., 2005, Regional Modeling Requirements for Ecosystem Restoration. Accepted. Peer reviewed proceedings, Tri-Service Infrastructure Systems, Conference & Exhibition. August 1-4, 2005, St. Louis, MO.

Wilcox, W.M., Solo-Gabriele, H.M., and Sternberg, L.O., 2004, Use of Stable Isotopes to Quantify Flows Between the Everglades and Urban Areas in Miami-Dade County Florida: Journal of Hydrology 293, 1-19, 19 p.

Wilcox, W.M., Cadavid, L.G., Obeysekera, J.T.B., Brion, L.M. and Trimble, P.J., 2003, Water Allocation in Lake Okeechobee during Periods of Shortage and Drought. Accepted. Peer reviewed proceedings, Joint Conference on the Science and Restoration of the Greater Everglades and Florida Bay Ecosystem, Palm Harbore, FL April 13-18, 2003.

Santee, E.R., Novoa, R.N. and **Wilcox, W.M.**, 2003, The Next Generation South Florida Water Management Model - Moving into the 21st Century with Version 5.0. Accepted. Peer reviewed proceedings, Joint Conference on the Science and Restoration of the Greater Everglades and Florida Bay Ecosystem, Palm Harbore, FL April 13-18, 2003.

Trimble, P.J., Obeysekera, J.T.B., Cadavid, L.G. **Wilcox, W.M.**, Santee, E.R., and Neidrauer, C., 2003, Management of Large Inflow and High Water Levels in Lake Okeechobee. Accepted. Peer reviewed proceedings, Joint Conference on the Science and Restoration of the Greater Everglades and Florida Bay Ecosystem, Palm Harbore, FL April 13-18, 2003.

Wilcox, W.M. 2000, A Hydrologic and Stable Isotope Study of East Everglades National Park and the West Wellfield of Miami-Dade County, Florida. Master of Science Thesis. University of Miami, Coral Gables, FL., 177 p.

Nemeth, M.S., **Wilcox, W.M.**, and Solo-Gabriele, H.M., 2000, "Evaluation of the Use of Reach Transmissivity to Quantify Leakage Beneath Levee 31N, Miami-Dade County, Florida": U.S. Geological Survey Water-Resources Investigations Report 00-4066, 80 p.

SFWMD PUBLICATIONS

2005, Documentation of the South Florida Water Management Model, *Version 5.5*, Contributor & Project Management Team Member.

2004, CERP Planning Document: **Wilcox, W.**, Komlos, S., Trimble, P., White, C., Shih, G., Torres, A., Downer, C. and Hussein, M., Interagency Modeling Center Regional Modeling Requirements, 96 p.

2003, Adaptive Protocols in Lake Okeechobee Operations, Principal Contributor.

2003, Memorandum: **Wilcox, W.M.** and Novoa, R.N., South Florida Water Management Model V5.0 improvements with respect to modeling of the Lake Okeechobee Service Area and Lake Okeechobee inflow basins, 9 p.

2003, Memorandum: **Wilcox, W.M.** and Konyha, K.G., Calibration of the Caloosahatchee (C43) Basin AFSIRS/WATBAL model for use in modeling select Lake Okeechobee Service Area basins in V5.0 of the South Florida Water Management Model, 13 p.

2003, Memorandum: **Wilcox, W.M.**, Estimation of Brighton Seminole Indian Reservation Demands for use with South Florida Water Management Model V5.0, 6 p.

2002, Draft Lake Okeechobee Supply-Side Management, Principal Contributor.

2002, The 2000-2001 Drought in South Florida, Contributor.

OTHER TECHNICAL PUBLICATIONS

Solo-Gabriele, H.M., and **Wilcox, W.M.**, 2000. "An Isotopic Study of Northeast Everglades National Park and Adjacent Urban Areas". Third Interim Technical Report for Isotope Study, Phase I. University of Miami, Coral Gables, FL. Prepared for Everglades National Park, FL.

Solo-Gabriele, H.M., and **Wilcox, W.M.**, 2000. "Saltwater Contamination of the Surficial Aquifer System with Emphasis on Intrusion from Tidal Canals, Broward County, Florida." Evaluation Report for Project FL-597. University of Miami, Coral Gables, FL. Prepared for U.S. Geological Survey.